

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/IB 03/00024

98/501173

| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08B37/08 C08L5/08 | | |
|---|--|--|
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08B C08L | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the International search (name of data base and, where practical, search terms used) WPI Data, PAJ, CHEM ABS Data | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | HIRANO S. ET AL.: "Calcium Chloride as Biometric Intermediate for the Mineralization of Carbonate Ions of Water as Calcium Carbonate in Gelatinous Matrices of Chitosan and Chitin" ENERGY CONVERS. MGMT, vol. 38, no. suppl, 1997, pages S517-S521, XP004061649 uk page S518, line 35, paragraph 4 - line 45 --- -/-- | 1-9 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. | | |
| <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family | | |
| Date of the actual completion of the international search 22 April 2003 | | Date of mailing of the international search report 13/05/2003 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Mazet, J-F |

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| A | <p>WO 91 09163 A (KEMIRA OY SÄTERI) 27 June 1991 (1991-06-27) page 15, line 35 -page 16, line 7</p> | 1-9 |
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| A | US 4 970 150 A (YAKU ET AL.) 13 November 1990 (1990-11-13) abstract column 2, line 40 -column 3, line 18 ----- | 10-20 |
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